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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/911,297	07/23/2001	Stanley Pietrowicz	1318-US	2910
9941	7590	06/15/2005	EXAMINER	
TELCORDIA TECHNOLOGIES, INC. ONE TELCORDIA DRIVE 5G116 PISCATAWAY, NJ 08854-4157			CHOU, ALBERT T	
			ART UNIT	PAPER NUMBER
			2662	

DATE MAILED: 06/15/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/911,297

Applicant(s)

PIETROWICZ ET AL.

Examiner

Albert T. Chou

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 April 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 2-15 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 2-6 and 13 is/are rejected.
- 7) ☒ Claim(s) 7-12, 14 and 15 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

1. The following is a response to the amendment filed on April 15, 2005:
 - Claim 1, the only claim in the application as previously filed, which was rejected under 35 U.S.C. 102 (e) as being anticipated by Chung et al. (US Application No. 09/752,413), is now cancelled.
 - New claims 2 – 15 are added.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 2 – 6 and 13 are rejected under 35 U.S.C. 102(e) as being anticipated by Chung et al. (US Application No. 09/752,413), hereinafter referred to as Chung.

Regarding claim 2, Chung teaches an integrated customer premise system [Fig. 2; Volp/FoIP Gateway 212] for connection to both an external analog telephone network and to a digital packet network for conducting both analog and voice-over-

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packet (VoP) telephone calls in the same customer premise system, said system comprising

an analog call processor **[Fig. 3; p. 4, par. 0036; a Phone Connection Module 304];**

an analog interface connecting telephone calls from the external analog telephone network to said analog call processor **[Fig. 3; p. 4, par. 0036; a Phone Connection Module 304];**

a VoP call processor **[Fig. 3; p. 4, par. 0036; a PC Connection Module 302];**

a digital interface for connecting VoP telephone calls from the external packet network to said VoP call processor **[Fig. 3; p. 4, par. 0036; a PC Connection Module 302];**

a plurality of customer audio devices for use in either an analog telephone call from the external analog telephone network **[Fig. 3; p. 4, par. 0036; a Phone Connection Module 304]** or a digital VoP telephone call from the external packet network **[Fig. 3; p. 4, par. 0036; a PC Connection Module 302]**, and

a switching and bridging system connected to said analog call processor and said VoP call processor for connecting one or both of said analog and digital VoP telephone calls to said customer audio devices **[Fig. 3; p. 4, par. 0036; a Voice Tuning Module 306 for connections to both the PC Connection Module 302 and the Phone Connection Module 304].**

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Regarding claim 3, Chung teaches that H.323 terminals 206a and 206b, illustrated in Fig. 2, are in compliance with the ITU-T recommendation H.323, for multi-media conference systems, including communicating audio, video and data on a LAN **[Fig. 2; p. 3, par. 0029]**. It is inherent in Volp/FoIP Gateway 212 and 222 to provide one of LAN functionality and modem functionality in order for Volp/FoIP Gateway 212 and 222 to meet the ITU-T recommendation H.323.

Regarding claim 4, Chung teaches Volp/FoIP Gateway 212/IP Call Routing System 214 comprises PC Connection Module 302 and Phone Connection Module 304, which provide the digital and analog interfaces respectively **[Figs. 2 & 3; p. 4, par. 0036]**. In order to support the physical analog access for a PSTN or an analog phone, it is inherent in Phone Connection Module 304 to provide functions such as line protection, on-hook signal access capability, analog power ringing, DC line termination, etc. **[an analog front-end]** and digital-to-analog/analog-to-digital conversions **[a digital access]**. Likewise, it is inherent in PC Connection Module 302 to provide the OSI 1-2 layers support **[a digital front]** and OSI 3-7 layers functions **[a communications protocol controller]** in order to provide the access for a PC, a standalone device or a packet network.

Regarding claim 5, Chung teaches the switching and bridging system **[Figs 2 & 3; Volp/FoIP Gateway 212 comprising Voice Tuning Module 306]** includes an analog switch and bridge, an audio codec **[Figs. 3 & 4; p. 4, par. 0036; The Voice**

Tuning Module 306 and the Phone Connection Module 304 together provide the analog access, analog-to-digital/digital-to-analog conversion, an audio codec function, and other switching and routing capabilities] and a digital switch and bridge [Figs. 3 & 4; p. 4, par. 0036; The Voice Tuning Module 306 and the PC Connection Module 302 together provide the digital access, OSI 1-2 layers, and upper layer functions for the external PC or packet network].

Regarding claim 6, Chung teaches the switching and bridging system further includes a plurality of echo cancellers **[Fig. 4, Echo Cancellation Module 404; p. 4, par. 0039].**

Regarding claim 13, Chung teaches an integrated customer premise system **[Fig. 2; Volp/FoIP Gateway 212]** for connection to both an external analog telephone network and to a digital packet network for conducting both analog and voice-over-packet (VoP) telephone calls in the same customer premise system, said system comprising

a digital processor including an analog call processor **[Fig. 3; p. 4, par. 0036; a Phone Connection Module 304]**, a VoP call processor **[Fig. 3; p. 4, par. 0036; a PC Connection Module 302]**, and a command response processor **[Fig. 3; p. 4, par. 0036; a PC Connection Module 302];**

Interfaces connecting telephone calls from the external analog telephone network to said analog call processor **[Fig. 3; p. 4, par. 0036; a Phone Connection Module**

304] and for connecting VoP telephone calls from the external packet network to said VoP call processor **[Fig. 3; p. 4, par. 0036; a PC Connection Module 302];**

a plurality of customer audio devices **[Fig. 3; p. 4, par. 0036; a Phone Connection Module 304];** and

a switching and bridging system connected to said analog call processor and said VoP call processor for connecting one or both of said analog and digital VoP telephone calls to said customer audio devices **[Fig. 3; p. 4, par. 0036; a Voice Tuning Module 306 for connections to both the PC Connection Module 302 and the Phone Connection Module 304];** and

a computing device connected to said command response processor, whereby said computing device obtains access to said digital packet network through said command control processor **[Figs. 2 & 3; p. 3, par. 0029; H.323 terminals 206a and 206b are in compliance with the ITU-T recommendation H.323, for multi-media conferencing systems, including communicating audio, video and data on a LAN].**

Allowable Subject Matter

4. Claims 7-12, 14 and 15 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Response to Arguments

5. Applicant's arguments with respect to claim 1 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Albert T. Chou whose telephone number is 571-272-6045. The examiner can normally be reached on 8:30 - 17:00.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hassan Kizou can be reached on 571-272-3088. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AC

Albert T. Chou
June 7, 2005



HASSAN KIZOU
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